

# **PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT**

**Arvin Exhaust, OEM, a Division of Arvin Industries, Inc.  
2020 15th Street  
Columbus, Indiana 47201**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T005-7443-00008	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:

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## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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The Permittee owns and operates a stationary manufacturing plant to produce metal motor vehicle components.

Responsible Official: Mr. Edwin H. Dawson, Business Unit Manager  
Source Address: 2020 15th Street, Columbus, Indiana, 47201  
Mailing Address: 2020 15th Street, Columbus, Indiana, 47201  
SIC Code: 3714  
County Location: Bartholomew County  
County Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program  
Minor Source, under PSD Rules;  
Major Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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This stationary source consists of the following emission units and pollution control devices:

- (1) Five (5) paint spray booths, identified as PB-1, PB-2, TB-1, TB-2, all installed in 1962, each with a capacity of 360 metal parts per hour, and SB, installed in 1965, with a capacity of 38 metal parts per hour, each using dry filters as control, and exhausting to stacks W26, W27, W21, W22 and W20 respectively.
- (2) One (1) glue spray booth, identified as GB, installed in 1980, with a maximum throughput of 22.5 metal automobile components per hour, with no overspray control, and exhausting to stack W36.
- (3) One (1) 750 horsepower (25 MMBtu per hour) natural gas or #2 fuel oil-fired boiler, installed in 1994, and one (1) 350 horsepower (11.7 MMBtu per hour) natural gas or #2 fuel oil-fired boiler, installed in 1947.

### A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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This stationary source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1 (21) that have applicable requirements.

### A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

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This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22).
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

**B.1 Permit No Defense [326 IAC 2-1-10] [IC 13]**

- ## B.2 Definitions [326 IAC 2-7-1]

### B.3 Permit Term [326 IAC 2-7-5(2)]

B.4 Enforceability [326 IAC 2-7-7(a)]

- ## B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

B.6 Severability [326 IAC 2-7-5(5)]

**B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]**

**B.8 Duty to Supplement and Provide Information** [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

- (b) The Permittee shall furnish to IDEM, OAM, within a reasonable time, any information that IDEM, OAM, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.

- (c) Upon request, the Permittee shall also furnish to IDEM, OAM copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAM along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

**B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]**

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- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:
  - (1) Enforcement action;
  - (2) Permit termination, revocation and reissuance, or modification; or
  - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]**

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- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

**B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]**

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- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
  - (1) The identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was based on continuous or intermittent data;
  - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);
  - (5) Any insignificant activity that has been added without a permit revision;
  - (6) Such other facts, as specified in Sections D of this permit, as IDEM, OAM may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]**  
**[326 IAC 1-6-3]**

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:
  - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM.

**B.13 Emergency Provisions [326 IAC 2-7-16]**

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- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
  - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
  - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAM within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;  
  
Telephone Number: 1-800-451-6027 (ask for Office of Air Management, Compliance Section), or  
Telephone Number: 317-233-5674 (ask for Compliance Section)  
Facsimile Number: 317-233-5967
  - (5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:  
  
Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015  
  
within two (2) working days of the time when emission limitations were exceeded due to the emergency.  
  
The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:
    - (A) A description of the emergency;
    - (B) Any steps taken to mitigate the emissions; and
    - (C) Corrective actions taken.The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (6) The Permittee immediately took all reasonable steps to correct the emergency.



- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAM may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(9) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAM by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
  - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
  - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
    - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
    - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

**B.14 Permit Shield [326 IAC 2-7-15]**

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- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:
  - (1) The applicable requirements are included and specifically identified in this permit; or
  - (2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

- (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.
- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
  - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
  - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
  - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
  - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM has issued the modification. [326 IAC 2-7-12(b)(8)]

**B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]**

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Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

**B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]**

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- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:
  - (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
  - (2) An emergency as defined in 326 IAC 2-7-1(12); or
  - (3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.

- (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

**B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination**  
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAM determines any of the following:
  - (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAM to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAM at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAM may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

**B.18 Permit Renewal [326 IAC 2-7-4]**

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
  - (1) A timely renewal application is one that is:
    - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
    - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due. [326 IAC 2-5-3]
  - (2) If IDEM, OAM upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAM takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAM any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]

If IDEM, OAM fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

**B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

**B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]**

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- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

**B.21 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]**

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The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

- (a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

**B.22 Operational Flexibility [326 IAC 2-7-20]**

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- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAM in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

- (b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (1) A brief description of the change within the source;
  - (2) The date on which the change will occur;
  - (3) Any change in emissions; and
  - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAM, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

**B.23 Construction Permit Requirement [326 IAC 2]**

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Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

**B.24 Inspection and Entry [326 IAC 2-7-6(2)]**

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Upon presentation of proper identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements. [326 IAC 2-7-6(6)]
  - (1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM nor an authorized representative, may disclose the information unless and until IDEM, OAM makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]
  - (2) The Permittee, and IDEM, OAM acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

**B.25 Transfer of Ownership or Operation [326 IAC 2-1-6] [326 IAC 2-7-11]**  
Pursuant to 326 IAC 2-1-6 and 326 IAC 2-7-11:

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- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAM, Permits Branch, within thirty (30) days of the change. Notification shall include a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the Permittee and the new owner.
- (b) The written notification shall be sufficient to transfer the permit to the new owner by an administrative amendment pursuant to 326 IAC 2-7-11. The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) IDEM, OAM shall reserve the right to issue a new permit.

**B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]**

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- (a) The Permittee shall pay annual fees to IDEM, OAM, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAM the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAM, Technical Support and Modeling Section), to determine the appropriate permit fee.

## SECTION C

## SOURCE OPERATION CONDITIONS

Entire Source
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### Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six minute averaging period, as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2][326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.



- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
  - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
  - (2) If there is a change in the following:
    - (A) Asbestos removal or demolition start date;
    - (B) Removal or demolition contractor; or
    - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**  
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

### **Testing Requirements [326 IAC 2-7-6(1)]**

#### **C.8 Performance Testing [326 IAC 3-6]**

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- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

#### **Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]**

##### **C.9 Compliance Schedule [326 IAC 2-7-6(3)]**

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The Permittee:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements; and
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and
- (c) Will continue to comply with such requirements that become effective during the term of this permit.

##### **C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend compliance schedule an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

##### **C.11 Monitoring Methods [326 IAC 3]**

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Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

**Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]**

**C.12 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]**

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If a regulated substance, subject to 40 CFR 68, is present in a process in more than the threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
  - (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
  - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
  - (3) A verification to IDEM, OAM that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**C.13 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]**

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- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
  - (1) This condition;
  - (2) The Compliance Determination Requirements in Section D of this permit;
  - (3) The Compliance Monitoring Requirements in Section D of this permit;
  - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
  - (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :
    - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
    - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.

- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
  - (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
  - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;
  - (3) An automatic measurement was taken when the process was not operating; or
  - (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]  
[326 IAC 2-7-6]

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- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**C.15 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6] [326 IAC 2-7-19(e)]**

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- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
- (1) Indicate actual emissions of criteria pollutants from the source;
  - (2) Indicate actual emissions of other regulated pollutants from the source.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:
- Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015
- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

**C.16 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]**

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- (a) With the exception of performance tests conducted in accordance with Section C-Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

**C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]**

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- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAM representative, for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or local agency within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
  - (1) The date, place, and time of sampling or measurements;
  - (2) The dates analyses were performed;
  - (3) The company or entity performing the analyses;
  - (4) The analytic techniques or methods used;
  - (5) The results of such analyses; and
  - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
  - (1) Copies of all reports required by this permit;
  - (2) All original strip chart recordings for continuous monitoring instrumentation;
  - (3) All calibration and maintenance records;
  - (4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

**C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)]**

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- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported.
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period.
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports.
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

### **Stratospheric Ozone Protection**

#### **C.19 Compliance with 40 CFR 82 and 326 IAC 22-1**

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Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

## SECTION D.1 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]

- (1) Five (5) paint spray booths, identified as PB-1, PB-2, TB-1, TB-2, all installed in 1962, each with a capacity of 360 metal parts per hour, and SB, installed in 1965, with a capacity of 38 metal parts per hour, each using dry filters as control, and exhausting to stacks W26, W27, W21, W22 and W20 respectively.
- (2) One (1) glue spray booth, identified as GB, installed in 1980, with a maximum throughput of 22.5 metal automobile components per hour, with no overspray control, and exhausting to stack W36.

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.1.1 Particulate Matter (PM) Overspray [326 IAC 6-3-2(c)]

The PM overspray from the five (5) paint booths (PB-1, PB-2, TB-1, TB-2, GB, and SB) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and  
P = process weight rate in tons per hour

#### D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for each of these facilities.

#### D.1.3 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

- (a) Any physical change or modification to one of the five paint booths PB-1, PB-2, TB-1, TB-2 and SB shall require prior approval by IDEM, OAM.
- (b) Any change or modification that may result in an increase in potential emissions from the glue spray booth, GB, to 25 tons per year or greater shall require prior approval by IDEM, OAM.

### Compliance Determination Requirements

#### D.1.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

### Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

#### D.1.5 Particulate Matter (PM) Overspray

The dry filters for PM overspray control shall be in place at all times when any of the five (5) paint booths are in operation.

#### D.1.6 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the spray booth stacks (W26, W27, W21, W22 and W20) while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.



- (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

#### **Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [26 IAC 2-7-19]**

##### **D.1.7 Record Keeping Requirements**

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- (a) To document compliance with Condition D.1.6, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

##### **D.1.8 Reporting Requirements**

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A summary of the information to document compliance with Condition D.1.6 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, upon request.

## SECTION D.2 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]

- (3) One (1) 750 horsepower, natural gas or #2 fuel oil-fired boiler, installed in 1994, and one (1) 350 horsepower natural gas or #2 fuel oil-fired boiler, installed in 1947.

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.2.1 Particulate Matter (PM) [326 IAC 6-2]

- (a) Pursuant to 326 IAC 6-2-3 (Particulate Matter Emission Limitations for Sources of Indirect Heating), the PM emissions from the 350 Horsepower (11.7 MMBtu per hour) boiler shall be limited to 0.8 pounds per million Btu heat input.

This limitation is based on the following equation:

$$Pt = \frac{C \cdot a \cdot h}{76.5 \cdot Q^{0.75} \cdot N^{0.25}}$$

Where: Pt = allowable PM emissions, lb/MMBTU

C = 50 Fg/m<sup>3</sup>

a = plume rise factor = 0.67

h = stack height, ft = 150

N = number of stacks = 1

Q = total heat input capacity = 11.7 MMBtu/hr

- (b) Pursuant to 326 IAC 6-2-4 (Particulate Matter Emission Limitations for Sources of Indirect Heating), the PM emissions from the 750 Horsepower (25 MMBtu per hour) boiler shall be limited to 0.44 pounds per million Btu heat input.

This limitation is based on the following equation:

$$Pt = \frac{1.09}{Q^{0.25}}$$

Where: Pt = pounds of PM emitted per MMBtu heat input;

Q = total source max. operating capacity (MMBTU/hr)  
= 36.7 MMBtu/hr

#### D.2.2 Sulfur Dioxide (SO<sub>2</sub>) [326 IAC 7-1.1-1] [326 IAC 12-1]

Pursuant to 326 IAC 7-1.1 (SO<sub>2</sub> Emissions Limitations) and 40 CFR 60, Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units):

- (a) The SO<sub>2</sub> emissions from the 750 Horsepower (25 MMBtu per hour) oil-fueled heater shall not exceed five tenths (0.5) pounds per million Btu heat input; or
- (b) The sulfur content of the fuel oil shall not exceed five-tenths percent (0.5%) by weight. [40 CFR 60.42c(d)]

Pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur content limit applies at all times, including periods of startup, shutdown, and malfunction.

#### D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the 750 Horsepower boiler.

### Compliance Determination Requirement

#### D.2.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM and SO<sub>2</sub> limits specified in Conditions D.2.1 and D.2.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

#### **D.2.5 Sulfur Dioxide Emissions and Sulfur Content**

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Pursuant to 40 CFR 60, Subpart Dc, the Permittee shall demonstrate compliance utilizing one of the following options:

- (a) Providing vendor analysis of fuel delivered, if accompanied by a certification; or
- (b) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
  - (1) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
  - (2) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.

#### **Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**

##### **D.2.6 Visible Emissions Notations**

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- (a) Daily visible emission notations of the boilers stack exhaust shall be performed during normal daylight operations when any boiler is burning No. 2 fuel oil and exhausting to the atmosphere. A trained employee will record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.

#### **Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

##### **D.2.7 Record Keeping Requirements**

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- (a) To document compliance with Condition D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur limit applies at all times including periods of startup, shutdown, and malfunction.
  - (1) Calendar dates covered in the compliance determination period;
  - (2) Actual usage since last compliance determination period and value calculated per limitation;
  - (3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

- (4) Fuel supplier certifications.

- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

- (b) To document compliance with Condition D.2.6, the Permittee shall maintain a log of daily emission notations taken when any boiler is burning No. 2 fuel oil, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.2.8 Reporting Requirements

- (a) A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting form located at the end of this permit, or the equivalent, within thirty (30) days after the end of the quarter being reported.
- (b) The natural gas boiler certification to document compliance with Condition D.2.1 when the boiler is burning natural gas, shall be submitted quarterly to the address listed in Section C - General Reporting Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
CERTIFICATION**

Source Name: Arvin Exhaust, OEM, a Division of Arvin Industries, Inc.  
Source Address: 2020 15th Street, Columbus, Indiana 47201  
Mailing Address: 2020 15th Street, Columbus, Indiana 47201  
Part 70 Permit No.: 005-7443-00008

**This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.**

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) \_\_\_\_\_
- 9 Report (specify) \_\_\_\_\_
- 9 Notification (specify) \_\_\_\_\_
- 9 Other (specify) \_\_\_\_\_

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF AIR MANAGEMENT**  
**COMPLIANCE DATA SECTION**  
**P.O. Box 6015**  
**100 North Senate Avenue**  
**Indianapolis, Indiana 46206-6015**  
**Phone: 317-233-5674**  
**Fax: 317-233-5967**

**PART 70 OPERATING PERMIT**  
**EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Arvin Exhaust, OEM, a Division of Arvin Industries, Inc.  
Source Address: 2020 15th Street, Columbus, Indiana 47201  
Mailing Address: 2020 15th Street, Columbus, Indiana 47201  
Part 70 Permit No.: 005-7443-00008

**This form consists of 2 pages**

**Page 1 of 2**

Check either No. 1 or No.2	
9 1.	This is an emergency as defined in 326 IAC 2-7-1(12)
C	The Permittee must notify the Office of Air Management (OAM), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
C	The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9 2.	This is a deviation, reportable per 326 IAC 2-7-5(3)(c)
C	The Permittee must submit notice in writing within ten (10) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

**Page 2 of 2**

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation?    Y    N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Arvin Exhaust, OEM, a Division of Arvin Industries, Inc.  
Source Address: 2020 15th Street, Columbus, Indiana 47201  
Mailing Address: 2020 15th Street, Columbus, Indiana 47201  
Part 70 Permit No.: 005-7443-00008

**This certification shall be included when submitting monitoring, testing reports/results  
or other documents as required by this permit.**

Report period

Beginning: \_\_\_\_\_

Ending: \_\_\_\_\_

Boiler Affected

Alternate Fuel

Days burning alternate fuel  
From To

750 HP boiler

No. 2 fuel oil

350 HP boiler

No. 2 fuel oil

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Date: \_\_\_\_\_



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: Arvin Exhaust, OEM, a Division of Arvin Industries, Inc.  
Source Address: 2020 15th Street, Columbus, Indiana 47201  
Mailing Address: 2020 15th Street, Columbus, Indiana 47201  
Part 70 Permit No.: 005-7443-00008  
Facility: 750 HP boiler  
Parameter: Average sulfur content of No. 2 fuel oil burned, average heating value of No. 2 fuel oil burned, equivalent Sulfur dioxide emissions.  
Limit: 0.5% Sulfur and Sulfur dioxide emissions of 0.5 lb/MMBtu heat input

YEAR: \_\_\_\_\_

Month	Average Sulfur Content of No. 2 fuel oil (%)	Average Heating Value of No. 2 fuel oil (MMBtu/gallon)	Equivalent Sulfur Dioxide Emissions (lb/MMBtu)
Month 1			
Month 2			
Month 3			

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
QUARTERLY COMPLIANCE MONITORING REPORT**

Source Name: Arvin Exhaust, OEM, a Division of Arvin Industries, Inc.  
Source Address: 2020 15th Street, Columbus, Indiana 47201  
Mailing Address: 2020 15th Street, Columbus, Indiana 47201  
Part 70 Permit No.: 005-7443-00008

**Months:** \_\_\_\_\_ **to** \_\_\_\_\_ **Year:** \_\_\_\_\_

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

**9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD**

**9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.**

<b>Compliance Monitoring Requirement</b> (e.g. Permit Condition D.1.3)	<b>Number of Deviations</b>	<b>Date of each Deviation</b>

Form Completed By: \_\_\_\_\_  
Title/Position: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

## **Indiana Department of Environmental Management Office of Air Management**

### **Technical Support Document (TSD) for a Part 70 Operating Permit**

#### **Source Background and Description**

**Source Name:** Arvin North American Automotive  
**Source Location:** 2020 15th Street, Columbus, Indiana 47201  
**County:** Bartholomew County  
**SIC Code:** 3714  
**Operation Permit No.:** T005-7443-00008  
**Permit Reviewer:** Dana L. Brown

The Office of Air Management (OAM) has reviewed a Part 70 permit application from Arvin North American Automotive relating to the operation of a manufacturing plant to produce metal motor vehicle components.

#### **Permitted Emission Units and Pollution Control Equipment**

The source consists of the following permitted emission units and pollution control devices:

- (1) Five (5) paint spray booths, identified as PB-1, PB-2, TB-1, TB-2, all installed in 1962, each with a capacity of 360 metal parts per hour, and SB, installed in 1965, with a capacity of 38 metal parts per hour, each using dry filters as control, and exhausting to stacks W26, W27, W21, W22 and W20 respectively.
- (2) One (1) glue spray booth, identified as GB, installed in 1980, with a maximum throughput of 22.5 metal automobile components per hour, with no overspray control, and exhausting to stack W36.
- (3) Three (3) 300 horsepower, natural gas or #2 fuel oil-fired boilers, designated as A, B, and C, installed in the 1940's.

#### **Unpermitted Emission Units and Pollution Control Equipment**

There are no unpermitted facilities operating at this source during this review process.

#### **Emission Units and Pollution Control Equipment Under Enhanced New Source Review (ENSR)**

There are no new facilities to be reviewed under the ENSR process.

#### **Insignificant Activities**

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(20):

- (1) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC -20-6.
- (2) Paved and unpaved roads and parking lots with public access.

- (3) Other categories with emissions below insignificant thresholds:
  - (a) Drawline Alkaline Wash
  - (b) Paint Line Wash
  - (c) Paint Mix/Storage
  - (d) Two (2) Isopropyl Alcohol Parts Washers
  - (e) Kerosene Parts Washer
  - (f) Paint Hook Burn-off Oven
  - (g) Two (2) Coal Washers
  - (h) Perf-tube Washer
  - (i) Model Shop Paint Booth

### **Existing Approvals**

The source has been operating under the following approvals:

- (1) OP 03-04-90-0130, issued on October 31, 1986

### **Enforcement Issue**

There are no Enforcement actions pending.

### **Recommendation**

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit application for the purposes of this review was received on December 10, 1996.

### **Emission Calculations**

See Appendix A of this document for detailed emissions calculations (3 pages).

### **Potential Emissions**

Pursuant to 326 IAC 1-2-55, Potential Emissions are defined as "emissions of any one (1) pollutant which would be emitted from a facility, if that facility were operated without the use of pollution control equipment unless such control equipment is necessary for the facility to produce its normal product or is integral to the normal operation of the facility."

Pollutant	Potential Emissions (tons/year)
PM	<100
PM-10	<100
SO <sub>2</sub>	<100
VOC	<100
CO	<100
NO <sub>x</sub>	<100

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Potential Emissions (tons/year)
TOTAL	>25

- (a) The potential emissions (as defined in Indiana Rule) of any single HAP is equal to or greater than ten (10) tons per year and/or the potential emissions (as defined in Indiana Rule) of a combination HAPs is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) Fugitive Emissions  
Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

### Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 1996 OAM emission data.

Pollutant	Actual Emissions (tons/year)
PM	0.323
PM-10	0.323
SO <sub>2</sub>	0.072
VOC	27.336
CO	3.763
HAP (specify)	---
NO <sub>x</sub>	13.4

### County Attainment Status

The source is located in Bartholomew County.

Pollutant	Status (attainment or unclassifiable/severe, moderate, marginal, or maintenance nonattainment)
TSP	Attainment
PM-10	Attainment
SO <sub>2</sub>	Attainment
NO <sub>2</sub>	Attainment
Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and oxides of nitrogen are precursors for the formation of ozone. Therefore, VOC and NO<sub>x</sub> emissions are considered when evaluating the rule applicability relating to the ozone standards. Bartholomew County has been designated as attainment for ozone.

### Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (1) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.
- (2) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

### Federal Rule Applicability

- (a) The 300 Horsepower boilers (equivalent to 10.03 MMBtu per hour) are not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40c, Subpart Dc), because the date of construction of the boilers was 1986, prior to the June 9, 1989 applicability date.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) applicable to this source.

### State Rule Applicability - Entire Source

#### 326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than twenty-five (25) tons per year of a combination of HAPs. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

### 326 IAC 5-1 (Visible Emissions Limitations)

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

- (a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings as determined by 326 IAC 5-1-4,
- (b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

### State Rule Applicability - Individual Facilities

#### 326 IAC 6-2: Particulate Emissions Limitations

The three 300 Horsepower, 10.03 MMBtu per hour boilers (1 HP = 3.3446 x 10<sup>4</sup> Btu/hr) at the source were installed in the 1940's, therefore they are subject to the limits in 326 IAC 6-2-3. Particulate emissions from all facilities used for indirect heating purposes which were existing and in operation before September 21, 1983, shall be limited by the following equation:

$$Pt = \frac{C \cdot a \cdot h}{76.5 \cdot Q^{0.75} \cdot N^{0.25}}$$
$$= 5.11 \text{ lb / mmBtu}$$

Where: Pt = allowable PM emissions, lb/mmBtu

C = 50 Fg/m<sup>3</sup>

a = plume rise factor = 0.67

h = stack height, ft = 150

N = number of stacks = 1

Q = total heat input capacity = 30.1 mmBtu/hr

This limit shall in no case exceed 0.8 pounds per million Btu, pursuant to 326 IAC 6-2-3(d).

With natural gas or No. 2 fuel oil as fuel in each of the 300 Horsepower boilers, the potential emissions are:

$$\frac{0.6 \text{ ton}}{\text{yr}} \times \frac{1 \text{ yr}}{8760 \text{ hr}} \times \frac{1 \text{ hr}}{10.03 \text{ mmBtu}} \times \frac{2000 \text{ lb}}{1 \text{ ton}} = 0.013 \text{ lb/mmBtu} < 0.8 \text{ lb/mmBtu}$$

so the boilers, are in compliance with this rule.

#### 326 IAC 6-3-2 (Process Operations)

The particulate matter (PM) overspray from the six spray booths, PB-1, PB-2, TB-1, TB-2, SB and GB, shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour and

P = process weight rate in tons per hour

Compliance with this requirement is shown by the use of dry filters for overspray control.

#### 326 IAC 7-1.1 (Sulfur dioxide Emission Limitations)

The three 300 Horsepower boilers are not subject to this rule because the emissions from the boilers do not exceed the twenty-five (25) tons per year applicability level.

### 326 IAC 8-1-6 (BACT)

Facilities applicable to this rule are required to use best available control technology to reduce VOC emissions. The paint spray coating booths (PB-1, PB-2, TB-1, TB-2, all installed in 1962, and SB, installed in 1965) at this source were all constructed prior to the January 1, 1980 applicability date for this rule. The Glue spray booth, installed in 1980 is also not subject to the requirements of this rule because the potential emissions of VOC from the Glue spray booth are less than the 25 tons per year applicability level.

### 326 IAC 8-2-9 (Miscellaneous Metal Coating)

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator at the spray coating booths shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for extreme performance coatings. The paint spray coating booths (PB-1, PB-2, TB-1, TB-2, all installed in 1962, and SB, installed in 1965) at this source were all constructed prior to the November 1980 applicability date for this rule. The Glue spray booth, installed in 1980 is also not subject to the requirements of this rule because the potential emissions of VOC from the Glue spray booth are less than the 25 tons per year applicability level.

### 326 IAC 8-6-1 (Organic Solvent Emission Limitations)

Sources applicable to this rule are limited to reduce the VOC emissions from the source. This source commenced operation in 1962, prior to the October 7, 1974 applicability date for this rule, and potential emissions of VOC are less than the 100 tons per year applicability level, therefore this rule does not apply.

## Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAM, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in permit Section D are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in permit Section D. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

1. The three 300 Horsepower boilers have applicable compliance monitoring conditions as specified below:



- (a) Daily visible emissions notations of the boiler exhaust shall be performed during normal daylight operations when any of the boilers burn No. 2 fuel oil. A trained employee will record whether emissions are normal or abnormal. For processes operated continuously "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.

These monitoring conditions are necessary because to ensure compliance with 326 IAC 5-1 and 326 IAC 6-2.

- 2. The six spray booths, PB-1, PB-2, TB-1, TB-2, SB and GB, have applicable compliance monitoring conditions as specified below:
  - (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, daily observations shall be made of the overspray while one or more of the booths are in operation.
  - (b) Weekly inspections shall be performed of the coating emissions from the stack and the presence of over spray on the rooftops and the nearby ground. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an overspray emission, evidence of over spray emission, or other abnormal emission is observed.
  - (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

These monitoring conditions are necessary to ensure compliance with 326 IAC 6-3.

### **Air Toxic Emissions**

Indiana presently requests applicants to provide information on emissions of the 187 hazardous air pollutants set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Office of Air Management (OAM) Part 70 Application Form GSD-08.

- (a) This source will emit levels of air toxics greater than those which constitute a major source according to Section 112 of the 1990 Amendments to the Clean Air Act.

### **Conclusion**

The operation of this motor vehicle component manufacturing plant shall be subject to the conditions of the attached proposed **Part 70 Permit No. T005-7443-00008**.

**Description of facility:** Three 300 HP boilers  
**Max Rating:** 10.03 MMBtu/hr each  
**Construction Date:** 1940's  
**Control Device (if any):** none

<b>EMISSION LIMITATIONS</b>				
<b>Numerical Emission Limit:</b>	0.8 lb/MMBtu			
<b>Regulation/Citation:</b>	326 IAC 6-2			
<b>Compliance Demonstration:</b>	Daily visible emissions notations			
<b>PERFORMANCE TESTING</b>				
<b>Parameter/Pollutant to be Tested:</b>	NA			
<b>Testing Method/Analysis:</b>	NA			
<b>Testing Frequency/Schedule:</b>	NA			
<b>Submittal of Test Results:</b>	NA			
<b>COMPLIANCE MONITORING</b>				
<b>Monitoring Description:</b>	Daily visible emissions notations			
<b>Monitoring Method:</b>	normal/abnormal notations			
<b>Monitoring Regulation/Citation:</b>	NA			
<b>Monitoring Frequency:</b>	daily when burning No. 2 fuel oil			
<b>RECORD KEEPING</b>				
<b>Parameter/Pollutant to be Recorded:</b>	normal/abnormal emissions			
<b>Recording Frequency:</b>	daily when burning No. 2 fuel oil			
<b>REPORTING REQUIREMENTS</b>				
<b>Information in Report:</b>	normal/abnormal emissions, corrective actions taken			
<b>Reporting Frequency/Submittal:</b>	upon request			
<b>Additional Comments:</b>				

**Description of facility:** six spray booths, PB-1, PB-2, TB-1, TB-2, SB and GB  
**Construction Date:** 1962, 1962, 1962, 1962, 1965, and 1980  
**Control Device (if any):** dry filters  
**Stack/Vent ID:** W26, W27, W21, W22, W20 and W36

<b>EMISSION LIMITATIONS</b>				
<b>Numerical Emission Limit:</b>	by calculation			
<b>Regulation/Citation:</b>	326 IAC 6-3			
<b>Compliance Demonstration:</b>	overspray control			
<b>PERFORMANCE TESTING</b>				
<b>Parameter/Pollutant to be Tested:</b>	NA			
<b>Testing Method/Analysis:</b>	NA			
<b>Testing Frequency/Schedule:</b>	NA			
<b>Submittal of Test Results:</b>	NA			
<b>COMPLIANCE MONITORING</b>				
<b>Monitoring Description:</b>	Daily inspections to verify placement, integrity and particle loading of the filters. Daily observations shall be made of the over spray while one or more of the booths are in operation.	Weekly inspections of the coating emissions from the stack and the presence of over spray on the rooftops and the nearby ground		
<b>Monitoring Method:</b>	observation	observation		
<b>Monitoring Regulation/Citation:</b>	NA	NA		
<b>Monitoring Frequency:</b>	daily	weekly		
<b>RECORD KEEPING</b>				
<b>Parameter/Pollutant to be Recorded:</b>	log of daily over spray observations, and daily inspections	log of weekly inspections		
<b>Recording Frequency:</b>	daily	weekly		
<b>REPORTING REQUIREMENTS</b>				
<b>Information in Report:</b>	daily over spray observations, and daily inspections	log of weekly inspections		
<b>Reporting Frequency/Submittal:</b>	upon request	upon request		
<b>Additional Comments:</b>				

Appendix A: Emissions Calculations  
VOC and Particulate  
From Surface Coating Operations

Page 1 of 3 TSD App A

Company Name: Arvin North American Automotive - 17th Street Plant  
Address City IN Zip: 2020 15th Street, Columbus, Indiana 47201  
T: 005-7443  
Pit ID: 00008  
Reviewer: Dana L. Brown  
Date: May 21, 1997

Material	Density (Lb/Gal)	Weight % Volatile (H2O& Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Vol (solids)	Gal of Mat (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential ton/yr	lb VOC /gal solids	Transfer Efficiency
Spraymaster 81-0389 Neutral	6.7	52.20%	2.2%	50.0%	1.8%	10.35%	0.05490	22.500	3.39	3.33	4.11	98.64	18.00	14.64	32.15	15%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%
	0.0	0.00%	0.0%	0.0%	0.0%	0.00%	0.00000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	ERR	0%

State Potential Emissions

Add worst case coating to all solvents

4.11

98.64

18.00

14.64

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) \* Weight % Organics) / (1-Volume % water)  
Pounds of VOC per Gallon Coating = (Density (lb/gal) \* Weight % Organics)  
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr)  
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr) \* (24 hr/day)  
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr) \* (8760 hrs/yr) \* (1 ton/2000 lbs)  
Particulate Potential Tons per Year = (units/hour) \* (gal/unit) \* (lbs/gal) \* (1- Weight % Volatiles) \* (1-Transfer efficiency) \* (8760 hrs/yr) \* (1 ton/2000 lbs)  
Pounds VOC per Gallon of Solids = (Density (lbs/gal) \* Weight % organics) / (Volume % solids)  
Total = Worst Coating + Sum of all solvents used

surcoat.wk4 9/95

**Appendix A: Emissions Calculations****Natural Gas Combustion Only****10 < MM BTU/HR <100****Small Industrial Boilers, A, B, and C****Company Name: Arvin North American Automotive****Address City IN Zip: 2020 15th Street, Columbus, Indiana 47201****T: 005-7433****Pit ID: 00008****Reviewer: Dana L. Brown****Date: May 23, 1997**Heat Input Capacity  
MMBtu/hrPotential Throughput  
MMCF/yr

10.0

87.6

Emission Factor in lb/MMCF	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
	13.7	13.7	0.6	140.0	2.8	35.0
Potential Emission in tons/yr	0.6	0.6	0.0	6.1	0.1	1.5

## Methodology

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors for NOx: Uncontrolled = 140, Low NOx Burner = 81, Flue gas recirculation = 30

Emission Factors for CO: Uncontrolled = 35, Low NOx Burner = 61, Flue gas recirculation = 37

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

**Appendix A: Emissions Calculations**  
**Commercial/Institutional/Residential Combustors**  
**#1 and #2 Fuel Oil**  
**Boilers A, B, and C**

**Company Name:** Arvin North American Automotive  
**Address City IN Zip:** 2020 15th Street, Columbus, Indiana 47201  
**T:** 005-7443  
**Plt ID:** 00008  
**Reviewer:** Dana L. Brown  
**Date:** May 23, 1997

Heat Input Capacity  
MMBtu/hr

Potential Throughput  
kgals/year

S = Weight % Sulfur

0.5

10

625.714286

Emission Factor in lb/kgal	Pollutant				
	PM	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO
	2.0	71 (142.0S)	20.0	0.34	5.0
Potential Emission in tons/yr	0.6	22.2	6.3	0.1	1.6

**Methodology**

1 gallon of No. 2 Fuel Oil has a heating value of 140,000 Btu

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.140 MM Btu

Emission Factors are from AP 42, Tables 1.3-2 and 1.3-4 (SCC 1-03-005-01/02/03)

Emission (tons/yr) = Throughput (kgals/ yr) x Emission Factor (lb/kgal)/2,000 lb/ton

## Indiana Department of Environmental Management Office of Air Management

### Addendum to the Technical Support Document for Part 70 Operating Permit

**Source Name:** Arvin Exhaust, OEM, a Division of Arvin Industries, Inc.  
**Source Location:** 2020 15th Street, Columbus, Indiana 47201  
**County:** Bartholomew County  
**SIC Code:** 3714  
**Operation Permit No.:** T005-7443-00008  
**Permit Reviewer:** Dana L. Brown / Cathie Moore

On July 1, 1997, the Office of Air Management (OAM) had a notice published in The Republic, Columbus, Indiana, stating that Arvin Exhaust, OEM, a Division of Arvin Industries, Inc. had applied for a Part 70 Operating Permit to operate a manufacturing plant to produce metal motor vehicle components. The notice also stated that OAM proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On July 31, 1997, Arvin Exhaust, OEM, a Division of Arvin Industries, Inc. submitted comments on the proposed Part 70 permit. The summary of the comments is as follows (~~strikeout~~ added to show what was deleted and **bold** added to show what was added):

#### **Comment 1:**

The boilers listed in the permit application were incorrect and the three (3) 300 HP boilers should be replaced with one (1) 750 HP boiler installed in 1994, and one (1) 350 HP boiler installed in 1947, both using natural gas and No. 2 fuel oil.

#### **Response to Comment 1:**

Because of the incorrect information in the permit application, the following changes will be made to the permit:

1. Subsection (3) of Section A.2 "Emission Units and Pollution Control Equipment Summary" has been changed to be as follows:

- (3) ~~Three (3) 300 horsepower, natural gas or #2 fuel oil-fired boilers, designated as A, B, and C, installed in the 1940's.~~

**One (1) 750 horsepower (25 MMBtu per hour) , natural gas or #2 fuel oil-fired boiler, installed in 1994, and one (1) 350 horsepower (11.7 MMBtu per hour) natural gas or #2 fuel oil-fired boiler, installed in 1947.**

The same change will also be made to the description in Section D.2 and the list of emission units on the Technical Support Document (TSD). Changes to the rule applicability and emissions are shown as changes to the TSD.

2. Condition D.2.1 "Particulate Matter" has been changed to be as follows because of incorrect boiler information:

**D.2.1 Particulate Matter (PM) [326 IAC 6-2]**

---

- (a) Pursuant to 326 IAC 6-2-3 (Particulate Matter Emission Limitations for Sources of Indirect Heating), the PM emissions from the ~~three 10.0 million Btu per hour heat input boilers~~ **350 Horsepower (11.7 MMBtu per hour)** shall be limited to 0.8 pounds per million Btu heat input.

This limitation is based on the following equation:

$$Pt = \frac{C \cdot a \cdot h}{76.5 \cdot Q^{0.75} \cdot N^{0.25}}$$

Where: Pt = allowable PM emissions, lb/mmBtu

C = 50 Fg/m<sup>3</sup>

a = plume rise factor = 0.67

h = stack height, ft = 150

N = number of stacks = 1

Q = total heat input capacity

~~=30.4~~ **11.7** mmBtu/hr

- (b) Pursuant to 326 IAC 6-2-4 (Particulate Matter Emission Limitations for Sources of Indirect Heating), the PM emissions from the 750 Horsepower boiler (25 MMBtu per hour) shall be limited to 0.44 pounds per million Btu heat input.

This limitation is based on the following equation:

$$Pt = \frac{1.09}{Q^{0.25}}$$

Where: Pt = pounds of PM emitted per MMBtu heat input;

Q = total source max. operating capacity(MMBtu/hr)  
= 36.7 MMBtu/hr

Calculations to show compliance with this condition can be found in the changes to the TSD.

3. The following conditions have been added to the Section D.2 because of applicability of sulfur dioxide and NSPS rules to the 750 Horsepower boiler:

Under Emission Limitations and Standards:

**D.2.2 Sulfur Dioxide (SO<sub>2</sub>) [326 IAC 7-1.1-1] [326 IAC 12-1]**

---

Pursuant to 326 IAC 7-1.1 (SO<sub>2</sub> Emissions Limitations) and 40 CFR 60, Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units):

- (a) The SO<sub>2</sub> emissions from the 750 Horsepower (25 MMBtu per hour) oil-fueled heater shall not exceed five tenths (0.5) pounds per million Btu heat input; or
- (b) The sulfur content of the fuel oil shall not exceed five-tenths percent (0.5%) by weight. [40 CFR 60.42c(d)]

Pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur content limit applies at all times, including periods of startup, shutdown, and malfunction.

Under Compliance Determination Requirements:

**D.2.5 Sulfur Dioxide Emissions and Sulfur Content**

---

Pursuant to 40 CFR 60, Subpart Dc, the Permittee shall demonstrate compliance utilizing one of the following options:

- (a) Providing vendor analysis of fuel delivered, if accompanied by a certification; or



**(b) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.**

- (1) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and**
- (2) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.**

4. Condition D.2.5 (now renumbered Condition D.2.7) "Record Keeping Requirements" has been changed to be as follows because of changes in rule applicability of the boilers:

**D.2.57 Record Keeping Requirements**

---

**(a) To document compliance with Condition D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur limit applies at all times including periods of startup, shutdown, and malfunction.**

- (1) Calendar dates covered in the compliance determination period;**
- (2) Actual usage since last compliance determination period and value calculated per limitation;**
- (3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and**

**If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:**

- (4) Fuel supplier certifications.**
- (5) The name of the fuel supplier; and**
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.**

**The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.**

~~(a)~~**(b)** To document compliance with Condition D.2.6, the Permittee shall maintain a log of daily emission notations taken when any boiler is burning No. 2 fuel oil, and those additional inspections prescribed by the Preventive Maintenance Plan.

~~(b)~~**(c)** All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

5. Condition D.2.6 (now renumbered Condition D.2.8) "Reporting Requirements" has been changed to be as follows because of changes in rule applicability of the boilers:

#### D.2.68 Reporting Requirements

---

- (a) **A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting form located at the end of this permit, or the equivalent, within thirty (30) days after the end of the quarter being reported.**
  - (b) The natural gas boiler certification to document compliance with Condition D.2.1 when the boiler is burning natural gas, shall be submitted quarterly to the address listed in Section C - General Reporting Requirements, of this permit.
6. A quarterly reporting form for sulfur content, heating value of fuel oil, and equivalent sulfur dioxide emissions has been added.

#### Comment 2:

There are no control devices for the boilers at the source, Condition D.2.3, on page 25 of 29 of the draft permit, requiring a preventive maintenance plan, should be removed.

#### Response to Comment 2:

Pursuant to 326 IAC 2-7-4(c)(9) (Permit Application), confirmation that the source maintains on-site a preventive maintenance plan as described in 326 IAC 1-6-3, must be included in the permit application. Pursuant to 326 IAC 2-7-5(13) (Permit Content), a provision that requires the source to do all of the following must be included in each Part 70 permit:

- 1) Maintain on-site the preventive maintenance plan as required under 326 IAC 2-7-4(c)(9);
- 2) Implement the preventive maintenance plan; and,
- 3) Forward to the department upon request the preventive maintenance plan.

The requirements in 326 IAC 1-6-1 and 326 IAC 1-6-3 specify that the requirement to maintain a Preventive Maintenance Plan is applicable to any facility that is required to obtain a permit under 326 IAC 2-1-2 (Registration) and 326 IAC 2-1-4 (Operating Permits). IDEM's compliance monitoring guidance states that a compliance monitoring plan is required only for:

- (a) the unit emits particulate matter, sulfur dioxide, or volatile organic compounds; and
- (b) the unit has existing applicable requirements; and
- (c) the unit is subject to a NSPS or NESHAP (for these units current requirements will satisfy as a compliance monitoring plan); or
- (d) the unit has a control device and the allowable emissions exceed 10 pounds per hour; or
- (e) the unit does not have a control device and has actual emissions exceeding 25 tons per year.

The guidance does not state that if a facility does not meet the above requirements, compliance monitoring will never be necessary, it does state that a compliance monitoring plan is not required to be submitted with the application. In most cases, the requirement to maintain a preventive maintenance plan and perform compliance monitoring has followed the same guidelines as specified above. However, there are some types of operations (i.e. woodworking) that the OAM has determined that compliance monitoring and preventive maintenance plans are necessary to ensure continuous compliance.

Because the 750 Horsepower boiler is subject to the New Source Performance Standard, 326 IAC 12, 40 CFR 60.40c, Subpart Dc, OAM is requiring a Preventive Maintenance Plan for that facility. Condition D.2.3 "Preventive Maintenance Plan" has been changed to be as follows:

#### D.2.3 Preventive Maintenance Plan ~~[326 IAC 2-7-4(c)(9)]~~ **[326 IAC 2-7-5(13)]**

---

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for ~~each of these facilities~~ **the 750 Horsepower boiler**.

**Comment 3:**

Conditions D.2.4, on page 25 of 29 of the draft permit, requiring visible emission notations when the boiler is burning No. 2 fuel oil, and D.2.5 on page 26 of 29 of the draft permit, requiring record keeping of the visible emission notations, should be removed because the boilers have no control devices and the conditions are inappropriate.

**Response to Comment 3:**

The requirement of performing daily visible emission notations when a boiler is burning No. 2 fuel oil is used to indicate that the source is in compliance with 326 IAC 5-1 (Opacity Limitations), and to indicate to the source whether or not a problem exists in the operation. The requirement is not based on the presence of control equipment. The natural gas certification is used in lieu of daily visible emissions notations, for when the boilers are burning natural gas. No changes have been made to the wording of Condition D.2.4 (now renumbered Condition D.2.6) "Visible Emissions Notations" or the record keeping requirements related to this condition in D.2.5(b) (now renumbered Condition D.2.7(b)).

**Comment 4:**

Two (2) categories of insignificant activities from form GSD-10a of the permit application, that exist at the source, were inadvertently left out of the application. Also the perf-tube washer has been removed, and there is a spelling error in (3)(g), which should be coil washers.

There has also been an addition of another insignificant activity, a TD Line with PM and HAP emission below insignificant levels.

**Response to Comment 4:**

The categories that were left off the application and the new TD Line are not specifically regulated, therefore no change is required in the permit. The list of insignificant activities on page 1 of 9 of the TSD should be changed to be as follows:

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1~~(20)~~**(21)**:

- (1) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC -20-6.
- (2) Paved and unpaved roads and parking lots with public access.
- (3) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons.**
- (4) A petroleum fuel, other than gasoline, dispensing facility having a storage capacity less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.**
- ~~(3)~~**(5)** Other categories with emissions below insignificant thresholds:
  - (a) Drawline Alkaline Wash
  - (b) Paint Line Wash
  - (c) Paint Mix/Storage
  - (d) Two (2) Isopropyl Alcohol Parts Washers

- (e) Kerosene Parts Washer
- (f) Paint Hook Burn-off Oven
- (g) Two (2) ~~Coat~~ Coil Washers
- (h) ~~Perf-tube Washer~~ TD Line
- (i) Model Shop Paint Booth

**Comment 5:**

Section D.2 Boiler Operating Conditions: This section has been added for the 750 H.P. and 350 H.P. Boilers. These boilers should be identified as insignificant activities, since the rated capacities are 1.9 million British thermal units per hour (mmBtu/hr) and 0.9 million British thermal units per hour (mmBtu/hr) respectively. This is based on the conversion factor of 2544 Btu/hr per Horsepower. As such, the boilers would not be subject to 40 CFR 60, Subpart Dc or 326 IAC 7. Therefore, Conditions D.2.2, D.2.4, D.2.5, D.2.7 and D.2.8 should be eliminated from the permit. The allowable PM limits in D.2.1 should be recalculated based on the lower heat input rates. We request that Condition D.2.3, Preventive Maintenance Plan be eliminated, since the boilers do not have control devices and they are insignificant activities. We would request that Condition D.2.6, Visible Emissions Notations be eliminated, since these units are insignificant activities, and they do not have control devices.

**Response to Comment 5:**

The conversion factor of 2544 Btu/hr per horsepower is for mechanical engines. The conversion factor used in this permit is  $3.3446 \times 10^4$ , is the conversion factor for boilers. This conversion factor was taken from Appendix A of AP-42. Since the correct conversion factor was used in the draft permit, the boilers are not insignificant. They are subject to the requirements of 326 IAC 6-2 (Particulate Limitations for Sources of Indirect Heating) and 40 CFR 60.40c, Subpart Dc and 326 IAC 7. Therefore, the conditions pertaining to these requirements including the requirement for a Preventive Maintenance Plan can not be removed from the final permit. There will be no changes to this section in the final permit due to this comment.

**Comment 6:**

Condition D.1.6, Monitoring: We are concerned that the specific requirement to make daily observations of overspray would require that someone climb onto the roof daily to make such an observation. We believe that this is an unnecessary safety hazard and again would request that this condition be eliminated. We do not believe that the emission level associated with this operation warrants the safety hazards associated with the daily observations.

**Response to Comment 6:**

Condition D.1.6(a) "Monitoring" requires daily visible emissions notations from the surface coating booth stack exhausts. An inspection of the visible emissions can be performed from the ground. Therefore, daily access to the roof is not required. There will be no changes to this condition in the final permit due to this comment.

**Comment 7:**

Condition B.10, Certification: The condition as written appears overly broad. We would recommend that the following phrase be added to the beginning of the condition. *"Where specifically designated by this permit or required by an applicable requirement, application forms, reports.."*

**Response to Comment 7:**

Condition B.10(a) "Certification" has been changed to be as follows:

- (a) **Where specifically designated by this permit or required by an applicable requirement**, any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

**Comment 8:**

Condition B.14, Permit Shield: Since the wording of paragraph (b) of this condition is somewhat ambiguous with respect to whether former Construction Permit Conditions, which are not included in this permit, may still be applicable, we would request that the condition be specifically amended to identify the fact that all of the conditions in the previously issued construction and operation permits are superseded by this permit.

**Response to Comment 8:**

This condition is almost exactly the wording required by 326 IAC 2-7-15. OAM agrees that some of the wording should be changed as requested. 40 CFR 70.6(f) states that the permitting authority may expressly include in a Part 70 permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements. OAM believes non-applicable requirement determinations should be dealt with in Section D. OAM is also adding language dealing with applicable requirements from prior permits. On July 28, 1998, the OAM was notified that the U.S. EPA would object to any Title V Operating Permit that superseded all previous construction permits. The U.S. EPA indicated that they believed that the authority for certain applicable requirements might expire if the construction permits that established them expired. The OAM believes that the regulatory process is best served if all affected parties are able to rely on the Title V Operating Permit to identify all applicable requirements and the means for demonstrating compliance with each requirement.

The OAM intends to continue discussions with the U.S. EPA regarding the issues related to past construction permits. However the OAM also believes that the Permit Shield condition B.14 (b) (1) & (2) establishes that the Title V permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of the permit shall be deemed in compliance with any applicable requirements as of the date of the permit issuance for all the previous permits identified by the source and the OAM during the course of this review. There will be no changes to this condition in the final permit due to this comment.

**Comment 9:**

Condition B.27, Credible Evidence: This condition should be eliminated from the permit since it is beyond the State's authority to include this provision, and it was not included in the draft permit.

**Response to Comment 9:**

IDEM, OAM now believes that this condition is not necessary and has removed it from the final permit. The issues regarding credible evidence can be adequately addressed during a showing of compliance or noncompliance. Indiana's statutes, and the rules adopted under their authority, govern the admissibility of evidence in any proceeding. Indiana law contains no provisions that limit the use of any credible evidence and an explicit statement is not required in the permit. Condition B.27 "Credible Evidence" has been deleted from the final permit as follows:

~~B.27 — Credible Evidence [326 IAC 2-7-5(3)][62 Federal Register 8313][326 IAC 2-7-6]~~

~~Notwithstanding the conditions of this permit that state specific methods that may be used to assess compliance or noncompliance with applicable requirements, other credible evidence may be used to demonstrate compliance or noncompliance.~~

**Comment 10:**

Condition C.1(b), PSD Minor Source Status: We would request that paragraph (b) of this condition be eliminated. This provision does not adequately or correctly reflect the requirements of the PSD regulations. When a PSD permit will be required is covered adequately in the statutes and regulations, and therefore no further statement is necessary.

**Response to Comment 10:**

Condition C.1 "PSD Minor Source Status" has been deleted from the final permit as follows. The remaining conditions of this section have been renumbered:

~~C.1 PSD Minor Source Status [326 IAC 2-2] [40 CFR 52.21]  
The total source potential to emit VOC shall be below 250 tons per twelve (12) consecutive month period. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.~~

**Comment 11:**

Condition C.14, Compliance Monitoring Plan - Failure to Take Response Steps: We do not believe that 40 CFR Part 70 or 326 IAC 2-7 provides any authority to require the preparation of a Compliance Response Plan (CRP) or to establish the basis for a violation of the permit for failure to conduct the identified response steps. Failure to take specific response steps should not be interpreted in any way as evidence of non-compliance with an underlying applicable requirement, which is implied by this permit condition. We would request that all references to a Compliance Response Plan be eliminated from this condition.

**Response to Comment 11:**

IDEM has worked with members of the Clean Air Act Advisory Council's Permit Committee, Indiana Manufacturing Association, Indiana Chamber of Commerce and individual applicants regarding the Preventive Maintenance Plan, the Compliance Monitoring Plan and the Compliance Response Plan. IDEM has clarified the preventive maintenance requirements by working with sources on draft language over the past two years. The plans are fully supported by rules promulgated by the Air Pollution Control Board. The plans are the mechanism each permittee will use to verify continuous compliance with its permit and the applicable rules and will form the basis for each permittee's Annual Compliance Certification. Each permittee's ability to verify continuous compliance with its air pollution control requirements is a central goal of the Part 70 permit program.

The regulatory authority for and the essential elements of a compliance monitoring plant were clarified in IDEM's Compliance Monitoring Guidance, in May 1996. IDEM originally placed all the preventive maintenance requirements in the permit section titled "Preventive Maintenance Plan." Under that section the permittee's Preventive Maintenance Plan (PMP) had to set out requirements for the inspection and maintenance of equipment both on a routine basis and in response to monitoring. Routine maintenance was a set schedule of inspections and maintenance of the equipment. The second was inspection and maintenance in response to monitoring that showed that the equipment was not operating in its normal range. This monitoring would indicate that maintenance was required to prevent the exceedance of an emission limit or other permit requirement. The maintenance plan was to set out the "corrective actions" that the permittee would take in the event an inspection indicated an "out of specification situation", and also set out the time frame for taking the corrective action. In addition, the PMP had to include a schedule for devising additional corrective actions for out of compliance situations that the source had not predicted in the PMP. All these plans, actions and schedules were part of the Preventive Maintenance Plan, with the purpose of maintaining the permittee's equipment so that an exceedance of an emission limit or violation of other permit requirements could be prevented.

After issuing the first draft Title V permits on public notice in July of 1997, IDEM received comments from members of the regulated community regarding many of the draft permit terms, including the PMP requirements. One suggestion was that the corrective action and related schedule requirements be removed from the PMP requirement and placed into some other requirement in the permit. This suggestion was based, in some part, on the desire that a permittee's maintenance staff handle the routine maintenance of the equipment, and a permittee's environmental compliance and engineering staff handle the compliance monitoring and steps taken in reaction to an indication that the facility required maintenance to prevent an environmental problem.

IDEM carefully considered this suggestion and agreed to separate the "corrective actions" and related schedule requirements from the PMP. These requirements were placed into a separate requirement, which IDEM named the Compliance Response Plan (CRP). In response to another comment, IDEM changed the name of the "corrective actions" to "response steps." That is how the present CRP requirements became separated from the PMP requirement, and acquired their distinctive nomenclature.

Other comment sought clarification on whether the failure to follow the PMP was violation of the permit. The concern was that a permittee's PMP might call for the permittee to have, for example, three "widget" replacement parts in inventory. If one widget was taken from inventory for use in maintenance, then the permittee might be in violation of the PMP, since there were no longer three widgets in inventory, as required by the PMP. Comments also expressed a view that if a maintenance employee was unexpectedly delayed in making the inspection under the PMP's schedule, for example by the employee's sudden illness, another permit violation could occur, even though the equipment was still functioning properly.

IDEM considered the comments and revised the PMP requirement so that if the permittee fails to follow its PMP, a permit violation will occur only if the lack of proper maintenance causes or contributes to a violation of any limitation on emissions or potential to emit. This was also the second basis for separating the compliance maintenance response steps from the PMP and placing them in the Compliance Response Plan (CRP). Unlike the PMP, the permittee must conduct the required monitoring and take any response steps as set out in the CRP (unless otherwise excused) or a permit violation will occur.

The Compliance Monitoring Plan is made up of the PMP, the CRP, the compliance monitoring and compliance determination requirements in section D of the permit, and the record keeping and reporting requirements in sections C and D. IDEM decided to list all these requirements under this new name, the Compliance Monitoring Plan (CMP), to distinguish them from the PMP requirements. The section D provisions set out which facilities must comply with the CMP requirement. The authority for the CMP provisions is found at 326 IAC 2-7-5(1), 2-7-5(3), 2-7-5(13), 2-7-6(1), 1-6-3 and 1-6-5.

Most permittees already have a plan for conducting preventive maintenance for the emission units and control devices. It is simply a good business practice to have identified the specific personnel whose job duties include inspecting, maintaining and repairing the emission control devices. The emission unit equipment and the emission control equipment may be covered by a written recommendation from the manufacturer set out schedules for the regular inspection and maintenance of the equipment. The permittee will usually have adopted an inspection and maintenance schedule that works for its particular equipment and process in order to keep equipment downtime to a minimum and achieve environmental compliance. The manufacturer may also have indicated, or the permittee may know from experience, what replacement parts should be kept on hand. The permittee may already keep sufficient spare parts on hand so that if a replacement is needed, it can be quickly installed, without a delay in the permittee's business activities and without an environmental violation. For the most part, the PMP can be created by combining present business practices and equipment manufacturer guidance into one document, the Preventive Maintenance Plan (PMP).

The permittee has 90 days to prepare, maintain and implement the PMP. IDEM is not going to draft the PMP. Permittees know their processes and equipment extremely well and are in the best position to draft the PMP. IDEM's air inspectors and permit staff will be available to assist the permittee with any questions about the PMP. IDEM may request a copy of the PMP to review and approve.

The Preventive Maintenance Plan requirement must be included in every applicable Part 70 permit pursuant to 326 IAC 2-7-5(13). This rule refers back to the Preventive Maintenance Plan requirement as described in 326 IAC 1-6-3. This Preventive Maintenance Plan rule sets out the requirements for:

- (1) Identification of the individuals responsible for inspecting, maintaining and repairing the emission control equipment (326 IAC 1-6-3(a)(1)),
- (2) The description of the items or conditions in the facility that will be inspected and the inspection schedule for said items or conditions (326 IAC 1-6-3(a)(2)), and
- (3) The identification and quantification of the replacement parts for the facility which the permittee will maintain in inventory for quick replacement (326 IAC 1-6-3(a)(2)).

It is clear from the structure of the wording in 326 IAC 1-6-3 that the PMP requirement affects the entirety of the applicable facilities. Only 326 IAC 1-6-3(a)(1) is limited, in that it requires identification of the personnel in charge of only the emission control equipment, not any other facility equipment. The commissioner may require changes in the maintenance plan to reduce excessive malfunctions in any control device or combustion or process equipment under 326 IAC 1-6-5.

The CRP requirement of response steps and schedule requirements are another example of documenting procedures most permittees already have developed in the course of good business practices and the prevention of environmental problems. Equipment will often arrive with the manufacturer's trouble shooting guide. It will specify the steps to take when the equipment is not functioning correctly. The steps may involve some initial checking of the system to locate the exact cause, and other steps to place the system back into proper working order. Using the trouble shooting guide and the permittee's own experience with the equipment, the steps are taken in order and as scheduled until the problem is fixed.

A permittee will likely already have a procedure to follow when an unforeseen problem situation occurs. The procedure may list the staff to contact in order to select a course of action, or other step, before the equipment problem creates an environmental violation or interrupts the permittee's business process.

The Compliance Monitoring Plan (CMP) is consistent with IDEM's Compliance Monitoring Guidance released in May of 1996. The guidance discusses corrective action plans setting out the steps to take when compliance monitoring shows an out of range reading. Some of the terminology has changed, as a result of the comments from regulated sources, but the requirements in the permit do not conflict with the guidance.

The following additional changes to the TSD should be noted:

1. Section (a) of Federal Rule Applicability, on page 4 of 9 of the TSD should be changed to be as follows because of the incorrect boiler information:

- (a) The ~~300~~ **350** Horsepower boilers (equivalent to ~~40.03~~ **11.7** MMBtu per hour) ~~are~~ **is** not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40c, Subpart Dc), because the date of construction of the boilers was ~~1986~~ **1947**, prior to the June 9, 1989 applicability date.

**The 750 Horsepower (equivalent to 25 MMBtu per hour) boiler is subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40c, Subpart Dc), because the date of construction of the boiler was 1994, after the June 9, 1989 applicability date. The #2 fuel oil used in this boiler shall have a sulfur content not in exceedance of five-tenths percent (0.5%) by weight, and the sulfur dioxide emission from the boilers shall not exceed five-tenths (0.5) pounds per million Btu heat input. Compliance with these limits will be shown by use of vender analysis and certification or independent analysis of the sulfur content of the fuel oil.**



2. The State Rule Applicability for 326 IAC 6-2: Particulate Emissions Limitations on page 5 of 9 of the TSD should be changed to be as follows because of incorrect information in the application:

- (a) The ~~three 300~~ **350** Horsepower, ~~40.03~~ **11.7** MMBtu per hour boilers (1 HP = 3.3446 x 10<sup>4</sup> Btu/hr) at the source were installed in ~~the 1940's~~ **1947**, therefore ~~they are~~ **it is** subject to the limits in 326 IAC 6-2-3. Particulate emissions from all facilities used for indirect heating purposes which were existing and in operation before September 21, 1983, shall be limited by the following equation:

$$Pt = \frac{C \cdot a \cdot h}{76.5 \cdot Q^{0.75} \cdot N^{0.25}}$$

$$= 5.14 \text{ } ~~10.38~~ \text{ lb / mmBtu}$$

Where: Pt = allowable PM emissions, lb/mmBtu

C = 50 Fg/m<sup>3</sup>

a = plume rise factor = 0.67

h = stack height, ft = 150

N = number of stacks = 1

Q = total heat input capacity = ~~30.4~~ **11.7** mmBtu/hr

This limit shall in no case exceed 0.8 pounds per million Btu, pursuant to 326 IAC 6-2-3(d).

With natural gas or No. 2 fuel oil as fuel in each of the ~~300~~ **350** Horsepower boilers, the potential emissions are:

$$\frac{0.6 \text{ } ~~0.7~~ \text{ ton}}{\text{yr}} \times \frac{1 \text{ yr}}{8760 \text{ hr}} \times \frac{1 \text{ hr}}{40.03 \text{ } ~~11.7~~ \text{ mmBtu}} \times \frac{2000 \text{ lb}}{1 \text{ ton}} = 0.013 \text{ lb/mmBtu} < 0.8 \text{ lb/mmBtu}$$

so the boilers are in compliance with this rule.

- (b) The **750** Horsepower, **25** MMBtu per hour boiler (1 HP = 3.3446 x 10<sup>4</sup> Btu/hr) at the source was installed in 1994, therefore it is subject to the limits in 326 IAC 6-2-4.

Particulate emissions from all facilities used for indirect heating purposes which were constructed after September 21, 1983, shall be limited by the following equation:

$$Pt = \frac{1.09}{Q^{0.25}}$$

$$= 0.44 \text{ lb/MMBtu}$$

Where: Pt = pounds of PM emitted per MMBtu heat input;  
Q = total source max. operating capacity (MMBtu/hr)  
= 36.7 MMBtu/hr

With natural gas or No. 2 fuel oil as fuel in the **750** Horsepower boiler, the potential emissions are:

$$\frac{1.6 \text{ ton}}{\text{yr}} \times \frac{1 \text{ yr}}{8760 \text{ hr}} \times \frac{1 \text{ hr}}{25 \text{ mmBtu}} \times \frac{2000 \text{ lb}}{1 \text{ ton}} = 0.014 \text{ lb/mmBtu} < 0.44 \text{ lb/mmBtu}, \text{ so the boiler is in compliance with this rule.}$$

3. The State Rule Applicability for 326 IAC 7-1.1: Sulfur dioxide Emission Limitations on page 5 of 9 of the TSD has been changed to be as follows because of incorrect boiler information in the application:

The ~~three 300~~ **750** Horsepower boilers and the **350** Horsepower boiler are not subject to this rule because the emissions from the boilers do not exceed the twenty-five (25) tons per year applicability level. **Sulfur dioxide emissions shall be limited to five-tenths (0.5) pounds per MMBtu for distillate oil combustion. Based on a heating value of 140,000 Btu per gallon for distillate oil, the fuel oil sulfur content shall be limited to 0.49 percent (%) Sulfur.**

$$\frac{0.5 \text{ lb}}{\text{MMBtu}} = \frac{142 \text{ S lb}}{\text{kgal}} \times \frac{1 \text{ kgal}}{1000 \text{ gal}} \times \frac{1 \text{ gallon}}{0.14 \text{ MMBtu}}$$

**S = 0.49 %**

**The Permittee shall determine the sulfur content of each delivery of fuel oil by vender certification, in order to show compliance with this rule.**

4. The compliance table for the boilers, on page 8 of 9 should be replaced with the table at the end of this document.
5. Additional calculations for the 750 and 350 Horsepower boilers can be found on pages 1 and 2 of Appendix A of this document.

Upon further review, OAM has made the following changes to the final Part 70 permit (~~strikeout~~ added to show what was deleted and **bold** added to show what was added):

1. The name of the source has been changed from "Arvin North American Automotive" to "**Arvin Exhaust, OEM, a Division of Arvin Industries, Inc.**"
2. The first paragraph on the title page of the permit has been changed to be as follows:  
  
(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the ~~facilities listed~~ **source described** in Section A (Source Summary) of this permit.
3. The name in the signature block on the cover page has been changed from "Felicia R. George" to "**Janet G. McCabe**".
4. A "Source Summary" has been changed to be as follows:

## **SECTION A**

## **SOURCE SUMMARY**

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) and presented in the permit application. **The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.**

4. The following rule cite was added to the title lines of Conditions A.1 "General Information", and A.2 "Emission Units and Pollution Control Equipment Summary":

**[326 IAC 2-7-5(15)]**

5. Condition A.3 "Specifically Regulated Insignificant Activities" has been changed to be as follows:

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(20)(21)] [326 IAC 2-7-4(c)]  
**[326 IAC 2-7-5(15)]**

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~~This source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(20):~~

This stationary source does not currently have any insignificant activities, as defined in 236 IAC 2-7-1(20)(21) that have applicable requirements.

6. Condition A.4(a) "Part 70 Applicability" has been changed to be as follows:

(a) It is a major source, as defined in 326 IAC 2-7-1(21)(22).

**(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).**

7. Condition A.5 "Prior Permit Conditions Superseded" has been deleted from the final permit as follows:

~~A.5 Prior Permit Conditions Superseded [326 IAC 2]~~

~~This permit supersedes the operating conditions of all construction and operating permits issued to this stationary source under 326 IAC 2 prior to the effective date of this Part 70 permit.~~

8. Condition B.1 "General Requirements" has been deleted from the final permit and replaced with the following condition:

~~B.1 General Requirements [IC 13-15] [IC 13-17]~~

~~The Permittee shall comply with the provisions of IC 13-15 (Permits Generally), IC 13-17 (Air Pollution Control) and the rules promulgated thereunder.~~

**B.1 Permit No Defense [326 IAC 2-1-10] [IC 13]**

- (a) **Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.**
- (b) **This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield".**

9. Condition B.6 "Severability" has been changed to be as follows:

~~B.6 Severability [326 IAC 2-7-5(5)] [326 IAC 2-7-8(a)(4)]~~

~~(a) The provisions of this permit are severable, and if any provisions of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.~~

~~(b) Indiana rules from 326 IAC quoted in conditions in this permit are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.~~

**The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.**

10. Condition B.8(c) "Duty to Supplement and Provide Information" has been changed to be as follows:

- (c) Upon request, the Permittee shall also furnish to IDEM, OAM, copies of records required to be kept by this permit. **If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, For information claimed to be confidential, the Permittee shall must furnish such records directly to the U.S. EPA and IDEM, OAM, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to the U.S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.**

~~Such confidentiality claim shall meet the requirements of 40 CFR 2, Subpart B (when submitting to U.S. EPA) and 326 IAC 17 (when submitting to IDEM, OAM).~~

11. Condition B.10 "Certification" has been changed to be as follows:

**B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]**

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- (a) **Where specifically designated by this permit or required by an applicable requirement**, any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) **This One (1) certification shall be submitted included**, on the attached Certification Form, **with each submittal**.
- (c) A responsible official is defined at 326 IAC 2-7-1~~(33)~~**(34)**.

12. Condition B.11 "Annual Compliance Certification" has been changed to be as follows:

**B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]**

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- (a) The Permittee shall annually ~~certify that the source has complied~~ **submit a compliance certification report which addresses the status of the source's compliance** with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall be **cover the time period from January 1 to December 31 of the previous year, and shall be** submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

- (b) This annual compliance certification report required by this permit shall be **considered** timely ~~if delivered by any method and received and stamped the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received~~ by IDEM, OAM, on or before the date it is due. ~~[326 IAC 2-5-3]~~
- (c) The annual compliance certification report shall include the following:
  - (1) The identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was **based on** continuous or intermittent **data**;

- (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); ~~and~~
- (5) **Any insignificant activity that has been added without a permit revision; and**
- ~~(5)~~ (6) Such other facts, as specified in Sections D of this permit, as IDEM, OAM may require to determine the compliance status of the source.
- ~~(d) The Permittee shall also annually certify that the source is in compliance with additional requirements as may be specified under Sections 114(a)(3) and 504(b) of the Clean Air Act.~~

**The submittal by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).**

13. Condition B.12 “Preventive Maintenance Plan” has been changed to be as follows:

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]  
[326 IAC 1-6-3]

- 
- (a) **If required by specific condition(s) in Section D of this permit, the Permittee shall prepare, and maintain and implement Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:**
    - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
    - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
    - ~~(3) Corrective actions that will be implemented in the event an inspection indicates an out of specification situation;~~
    - ~~(4) A time schedule for taking such corrective actions including a schedule for devising additional corrective actions for situations that may not have been predicted; and~~
    - ~~(5)~~(3) Identification and quantification of the replacement parts which will be maintained in inventory for quick replacement.

**If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:**

**Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015**

- (b) **The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.**
- ~~(b)~~(c) **PMP’s shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM.**

14. The statement following subsection (5)(C) of Condition B.13 "Emergency Provisions" has been changed to be as follows:

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(~~33~~)(34).

15. Condition B.14 "Permit Shield" has been changed to be as follows:

**B.14 Permit Shield [326 IAC 2-7-15]**

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**(a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.**

**(~~a~~) (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.**

Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided ~~that either of the following:~~

- (1) The applicable requirements are included and specifically identified in this permit; **or**
- (2) ~~IDEM, OAM in acting on the Part 70 permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the Part 70 permit includes the determination or a concise summary thereof. The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.~~

**(~~b~~)(c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in, or subsequent to, the permit application. If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.**

**(~~c~~) (d) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order. No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.**

**(~~d~~) (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:**

- (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
- (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

- (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
  - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
  - ~~(e)~~(f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
  - ~~(f)~~(g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM, has issued the modifications. **[326 IAC 2-7-12(c)(7)]**
16. Condition B.16 "Deviations from Permit Requirements and Conditions" has been changed to be as follows:
- B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]
- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any ~~corrective actions~~ **response steps** or preventive measures taken shall be reported to:  
  
Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
  
within ten (10) calendar days from the date of the discovery of the deviation.
  - (b) **A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:**
    - (1) **An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or**
    - (2) **An emergency as defined in 326 IAC 2-7-1(12); or**
    - (3) **Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.**
    - (4) **Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.**

**A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.**
  - ~~(b)~~(c) Written notification shall be submitted on the attached **Emergency/Deviation Occurrence Reporting Forms** or its substantial equivalent. **The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).**
  - (d) **Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.**
17. The first paragraph of subsection (a), and subsection (b)(1) of Condition B.18 "Permit Renewal" has been changed to be as follows:

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM, and shall include, ~~at minimum,~~ the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(20)(21) and **326 IAC 2-7-1(40)**.
  - (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
    - (1) ~~The Permittee has a duty to submit a timely and complete permit renewal application.~~ A timely renewal application is one that is:
      - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
      - (B) **Delivered by any method and received and stamped If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.** [326 IAC 2-5-3]
18. Condition B.19 "Administrative Permit Amendment", Condition B.20 "Minor Permit Modification", and Condition B.21 "Significant Permit Modification" have all been combined into one condition numbered Condition B.19 "Permit Amendment or Modification" as follows. The remaining conditions of this section have been renumbered:

~~B.19 — Administrative Permit Amendment [326 IAC 2-7-11]~~

- ~~(a) — An administrative permit amendment is a Part 70 permit revision that makes changes of the type specified under 326 IAC 2-7-11(a).~~
- ~~(b) — An administrative permit amendment may be made by IDEM, OAM consistent with the procedures specified under 326 IAC 2-7-11(e).~~
- ~~(c) — The Permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]~~

~~B.20 — Minor Permit Modification [326 IAC 2-7-12]~~

- ~~(a) — A permit modification is any revision to this permit that cannot be accomplished as an administrative permit amendments under 326 IAC 2-7-11.~~
- ~~(b) — Minor modification to this permit shall follow the procedures specified under 326 IAC 2-7-12(b).~~
- ~~(c) — An application requesting the use of minor modification procedures shall meet the requirements of 326 IAC 2-7-12(b) and shall include the information required in 326 IAC 2-7-12(b)(3)(A) through (E).~~
- ~~(d) — The Permittee may make the change proposed in its minor permit modification application immediately after it files such application unless the change is subject to the construction permit requirements of 326 IAC 2-1, 326 IAC 2-2, or 326 IAC 2-3. After the Permittee makes the change allowed under minor permit modification procedures, and until IDEM, OAM takes any of the actions specified in 326 IAC 2-7-12(b)(6)(A) through (C), the Permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period, the Permittee need not comply with the existing permit terms and conditions it seeks to modify. If the Permittee fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it. [326 IAC 2-7-12(b)(7)]~~



**B.21 ~~Significant Permit Modification [326 IAC 2-7-12(d)]~~**

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- ~~(a) Significant modification procedures shall be used for applications requesting permit modifications that do not qualify as minor permit modifications or as administrative amendments.~~
- ~~(b) Every significant change in existing monitoring permit terms or conditions and every relaxation of reporting or record keeping permit terms or conditions of this permit shall be considered significant.~~
- ~~(c) Nothing in 326 IAC 2-7-12(d) shall be construed to preclude the Permittee from making changes consistent with 326 IAC 2-7 that would render existing permit compliance terms and conditions irrelevant.~~
- ~~(d) Significant modifications of this permit shall meet all requirements of 326 IAC 2-7, including those for application, public participation, review by the U.S. EPA, and availability of the permit shield, as they apply to permit issuance and renewal.~~

**B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.**
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:**  
  
**Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015**  
  
**Any such application should be certified by the “responsible official” as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule.**
- (c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]**

19. Condition B.22(a) (now renumbered Condition B.20(a)) “Permit Revision Under Economic Incentives and Other Programs” has been changed to be as follows:

- ~~(a) A provision stating that~~ **No** Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

20. The first sentence of Condition B.23 (now renumbered Condition B.21) “Changes Under Section 502(b)(10) of the Clean Air Act” has been changed to be as follows:

The Permittee may make Section 502(b)(10) of the Clean Air Act changes **(this term is defined at 326 IAC 2-7-1(36))** without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

- 21. The word “therein” in Condition B.24(a)(3) (now renumbered Condition B.22(a)(3)) “Operational Flexibility” has been changed to “herein”.
- 22. Condition B.24(b) and (c) (now renumbered Condition B.22(b) and (c)) “Operational Flexibility” have been changed to be as follows:

- (b) For each such **Section 502(b)(10) of the Clean Air Act** change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1~~(33)~~**(34)**.

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20~~(a)~~**(c)**.

23. Condition B.25 (now renumbered Condition B.23) "Construction Permit Requirement" has been changed to be as follows:

**B.2523** Construction Permit Requirement [326 IAC 2]

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**Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997,** modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

24. Condition B.26 (now renumbered Condition B.24) "Inspection and Entry" has been changed to be as follows:

**B.2624** Inspection and Entry [326 IAC 2-7-6(2)]

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Upon presentation of ~~IDEM~~ **proper** identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.  
[326 IAC 2-7-6(6)]

- (1) **The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM, nor an authorized representative, may disclose the information unless and until IDEM, OAM, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]**
- (2) **The Permittee, and IDEM, OAM acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]**

25. Condition B.27(b) (now renumbered Condition B.25(b)) "Transfer of Ownership" has been changed to be as follows:

- (b) The written notification shall be sufficient to transfer the permit to the new owner **by an administrative amendment pursuant to 326 IAC 2-7-11. The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

26. Condition B.28 (now renumbered Condition B.26) "Annual Fee Payment" has been changed to be as follows:

**B.2826 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]**

- (a) The Permittee shall pay annual fees to IDEM, OAM, **within thirty (30) calendar days of receipt of a billing, consistent with the fee schedule established in 326 IAC 2-7-19. If the Permittee does not receive a bill from IDEM, OAM the applicable fee is due April 1 of each year.**
- (b) Failure to pay may result in administrative enforcement action, **or** revocation of this permit; ~~referral to the Office of the Attorney General for collection, or other appropriate measures.~~
- (c) ~~The Permittee shall pay the annual fee within thirty (30) calendar days of receipt of a billing by IDEM, OAM or in a time period that is consistent with the payment schedule issued by IDEM, OAM.~~
- (d)(c) ~~If the Permittee does not receive a bill from IDEM, OAM, thirty (30) calendar days before the due date, The Permittee shall~~ **may** call the following telephone numbers: 1-800-451-6027 or 317-233-5674 **317-233-0425** (ask for OAM, ~~Data~~ **Technical Support and Modeling** Section), to determine the appropriate permit fee. ~~The applicable fee is due April 1 of each year.~~

27. Condition C.1 "PSD Minor Source Status" has been deleted from the final permit as follows. The remaining conditions of this section have been renumbered:

**G.1 PSD Minor Source Status [326 IAC 2-2] [40 CFR 52.21]**

~~The total source potential to emit VOC shall be below 250 tons per twelve (12) consecutive month period. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.~~

28. Condition C.1 "Particulate Matter Emission Limitations for Processes with Process Weight Rates Less Than One Hundred pounds per hour" has been added to the permit as follows. The remaining conditions of this section have been renumbered:

**C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]**

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Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

29. Condition C.2 "Opacity" has been changed to be as follows:

**C.2 Opacity [326 IAC 5-1]**

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Pursuant to 326 IAC 5-1-2 (~~Visible Emissions~~ **Opacity** Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), ~~visible emissions opacity~~ shall meet the following, unless otherwise stated in this permit:

- (a) ~~Visible emissions~~ **Opacity** shall not exceed an average of forty percent (40%) ~~opacity~~ in ~~twenty-four (24) consecutive readings~~ **any one (1) six minute averaging period**, as determined in 326 IAC 5-1-4.
- (b) ~~Visible emissions~~ **Opacity** shall not exceed sixty percent (60%) ~~opacity~~ for more than a cumulative total of fifteen (15) minutes (sixty (60) readings **as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor**) in a six (6) hour period.

30. Condition C.3 "Open Burning" has been changed to be as follows:

**C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]**

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The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. **The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3(a)(2)(A) and (B) are not federally enforceable.**

31. Condition C.5 "Fugitive Dust Emissions" has been changed to be as follows:

**C.5 Fugitive Dust Emissions [326 IAC 6-4]**

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~~The Permittee shall be in violation of 326 IAC 6-4 (Fugitive Dust Emissions) if any of the criteria specified in 326 IAC 6-4-2(1) through (4) are violated. Observations of visible emissions crossing the property line of the source at or near ground level must be made by a qualified representative of IDEM. [326 IAC 6-4-5(c)]~~

**The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). Rule 326 IAC 6-4-2(4) regarding visible dust is not federally enforceable.**

32. Condition C.6 "Operation of Equipment" has been changed to be as follows:

**C.6 Operation of Equipment [326 IAC 2-7-6(6)]**

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~~(a) All equipment that may emit pollutants into the ambient air shall be properly operated to meet the requirements of this permit and maintained in accordance with Section B- Preventive Maintenance Plan.~~

~~(b) Unless otherwise stated in this permit, All air pollution control equipment listed in this permit~~ **and used to comply with an applicable requirement** shall be operated at all times that the emission units vented to the control equipment are in operation.

- ~~(c) The Permittee shall perform all necessary maintenance according to the Preventive Maintenance Plan and make all necessary attempts to keep all air pollution control equipment in proper operating condition at all times such that the requirements of this permit are met.~~

33. Condition C.7 "Asbestos Abatement Projects - Accreditation" has been changed from:

~~C.7 Asbestos Abatement Projects - Accreditation [326 IAC 14-10] [326 IAC 18-1]  
[40 CFR 61, Subpart M]~~

~~Prior to the commencement of any demolition or renovation activities, the Permittee shall use an Indiana accredited asbestos inspector to inspect thoroughly the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II nonfriable asbestos containing material. The requirement that the inspector be Indiana accredited is not federally enforceable.~~

**C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]**

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
- (A) Asbestos removal or demolition start date;
- (B) Removal or demolition contractor; or
- (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**  
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

34. Condition C.8 "Performance Testing" has been changed to be as follows:

C.8 Performance Testing [326 IAC 3-2-1] [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of ~~326 IAC 3-2-1~~ **326 IAC 3-6** (Source Sampling Procedures), **except as provided elsewhere in this permit**, utilizing methods approved by IDEM, OAM.

A test protocol, **except as provided elsewhere in this permit**, shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days ~~before~~ **prior to** the intended test date. **The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.**

- (b) **All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.**

**The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

35. Condition C.9(a) "Compliance Schedule" has been changed to be as follows:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements; **and**

36. Condition C.10 "Compliance Monitoring" has been changed to be as follows:

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented ~~in accordance with the provisions of 326 IAC 2-7-5(3)~~ **as required by this permit**. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee **may extend compliance schedule an additional ninety (90) days provided the Permittee shall** notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

in writing, **prior to the end of the initial ninety (90) day compliance schedule** ~~no more than ninety (90) days after receipt of this permit, with full justification of the reasons for the inability to meet this date. and a schedule which it expects to meet. If a denial of the request is not received before the monitoring is fully implemented, the schedule shall be deemed approved.~~

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(33)(34).

37. Condition C.11 "Monitoring Methods" has been changed to be as follows:

**C.11 Monitoring Methods [326 IAC 3]**

Any monitoring or testing performed to meet the **applicable** requirements of this permit shall be performed, ~~whenever applicable~~ according to the provisions of 326 IAC 3, or 40 CFR 60, Appendix A, ~~as appropriate, unless some other approved method is as~~ specified in this permit.

38. The heading "Corrective Actions" has been changed to "Corrective Actions and Response Steps".

39. Condition C.13 (now renumbered Condition C.12) "Risk Management Plan" has been changed to be as follows:

**C.12 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]**

If a regulated substance, **subject to 40 CFR 68**, is present **in a process** in more than the threshold quantity ~~that is subject to 40 CFR 68~~, 40 CFR 68 is an applicable requirement and the Permittee shall:

(a) Submit:

- (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
- (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
- (3) A verification to IDEM, OAM that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

- (b) Provide annual certification to IDEM, OAM that the Risk Management Plan is being properly implemented.

**All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

40. Condition C.13 "Compliance Monitoring Plan - Failure to Take Corrective Action" has been added to the permit as follows. The remaining conditions of this section have been renumbered:

**C.13 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]**

- (a) **The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:**

- (1) **This condition;**
  - (2) **The Compliance Determination Requirements in Section D of this permit;**
  - (3) **The Compliance Monitoring Requirements in Section D of this permit;**
  - (4) **The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and**
  - (5) **A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :**
    - (A) **Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and**
    - (B) **A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.**
- (b) **For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.**
- (c) **After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:**
  - (1) **The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.**
  - (2) **The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;**
  - (3) **An automatic measurement was taken when the process was not operating; or**
  - (4) **The process has already returned to operating within "normal" parameters and no response steps are required.**
- (d) **Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.**



41. Condition C.14 "Actions Related to Noncompliance Demonstrated by a Stack Test" has been changed to be as follows:

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test **[326 IAC 2-7-5]**  
**[326 IAC 2-7-6]**

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- (a) When the results of the stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, **the Permittee shall take appropriate corrective actions shall be taken. A description of these corrective actions shall be submitted to IDEM, OAM, within thirty (30) days of receipt of the test results. These corrective actions shall be implemented immediately unless notified by IDEM, OAM that they are not acceptable. The Permittee shall make every effort to** **The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the right to utilize enforcement activities to resolve the noncompliant stack test.**
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. **Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline.** Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

**The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

42. Condition C.15 "Emission Statement" has been changed to be as follows:

C.15 Emission Statement **[326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-6] [326 IAC 2-7-19] [326 IAC 2-7-5(7)]**

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- (a) The Permittee shall submit ~~an certified~~ annual emission statement **certified pursuant to 326 IAC 2-6, that meets the requirements of 326 IAC 2-6 (Emission Reporting).** This ~~annual statement~~ must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. ~~The submittal should cover the time period defined in 326 IAC 2-6-2(8) (Emission Statement Operating Year).~~ The annual statement ~~must be submitted to~~ **shall meet the following requirements:**

\_\_\_\_\_  
Indiana Department of Environmental Management  
Data Support Section, Office of Air Management  
\_\_\_\_\_  
100 North Senate Avenue, P. O. Box 6015  
\_\_\_\_\_  
Indianapolis, Indiana 46206-6015

- (1) **Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);**
- (2) **Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.**
- (b) **The annual emission statement covers the twelve (12) consecutive month time period starting December 1 and ending November 30. The annual emission statement must be submitted to:**

**Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015**

~~(b)(c)~~ This annual emission statement required by this permit shall be **considered** timely if ~~delivered by any method and received and stamped the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.~~ ~~[326 IAC 2-5-3]~~

43. Condition C.16(a) and (b) "Monitoring Data Availability" has been changed to be as follows:

(a) **With the exception of performance tests conducted in accordance with Section C- Performance Testing, all** observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.

(b) **As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above,** when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.

44. The title and subsections (a) and (c)(4) of Condition C.17 "General Record Keeping Requirements" has been changed to be as follows:

**C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)(B)] [326 IAC 2-7-6]**

(a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location **for a minimum of three (3) years** and available **upon the request** ~~within one (1) hour upon verbal request of an IDEM, OAM representative, for a minimum of three (3) years. They~~ **The records** may be stored elsewhere for the remaining two (2) years **as long as they are available upon request** ~~providing they are made available within thirty (30) days after written request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.~~

(4) ~~Records of any required preventive maintenance and corrective actions that were implemented. Such records shall briefly describe what was done and indicate who did it. Such records may include, but are not limited to: work orders, quality assurance procedures, quality control procedures, operator's standard operating procedures, manufacturer's specifications or their equivalent, and equipment "troubleshooting" guidance.~~

**Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.**

45. Condition C.18 "General Reporting Requirements" has been changed to be as follows:

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

**(a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation and the date(s) of each deviation must be reported.**

**(a)(b) The report required in (a) of this condition and reports required by conditions in Section C and D of this permit shall be submitted to:**

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

**(b)(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be **considered** timely if delivered by any method and received and stamped by the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received IDEM, OAM, on or before the date it is due. [326 IAC 2-7-5]**

**(c)(d) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period.**

**(d) All instances of deviations from any requirements of this permit as described in Section B - Deviations from Permit Requirements Condition must be clearly identified in such reports.**

**(e)(f) Any corrective actions or response steps taken as a result of an exceedance of a limit, an excursion from the parametric values, or a malfunction that may have caused excess emissions each deviation must be clearly identified in such reports.**

**(f)(g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.**

**The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

46. The following sentence was added to the equipment listing in Sections D.1 and D.2 "FACILITY OPERATION CONDITIONS"

**Facility Description [326 IAC 2-7-5(15)]**

47. The rule cite in Condition D.1.2 "Preventive Maintenance Plan" has been changed to be as follows:

D.1.2 Preventive Maintenance Plan ~~[326 IAC 2-7-4(e)(9)]~~ **[326 IAC 2-7-5(13)]**

48. Conditions D.1.4 and D.2.2 (now renumbered Condition D.2.4) "Testing Requirements" have been changed to be as follows:

**D.1.4 Testing Requirements [326 IAC 2-7-6(1),(6)]**

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~~Testing of The Permittee is not required to test this facility is not specifically required by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing. this does not preclude testing requirements on this facility under 326 IAC 2-1-4(f) and 326 IAC 2-7-6(1).~~

**D.2.24 Testing Requirements [326 IAC 2-7-6(1),(6)]**

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~~Testing of The Permittee is not required to test this facility is not specifically required by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM and SO<sub>2</sub> limits specified in Conditions D.2.1 and D.2.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing. this does not preclude testing requirements on this facility under 326 IAC 2-1-4(f) and 326 IAC 2-7-6(1).~~

49. Condition D.1.5 "Particulate Matter (PM) Overspray" has been moved to under the Compliance Monitoring Requirements heading.

50. Condition D.1.6 "Monitoring" has been changed to be as follows:

**D.1.6 Monitoring**

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- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, ~~daily~~ **weekly** observations shall be made of the overspray ~~from the spray booth stacks (W26, W27, W21, W22 and W20)~~ while one or more of the booths are in operation. **The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.**
- (b) ~~Weekly~~ **Monthly** inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The ~~Preventive Maintenance Compliance Response~~ Plan for this unit shall contain troubleshooting contingency and ~~corrective actions~~ **response steps** for when ~~an over spray emission, evidence of overspray emission, or other abnormal emission~~ **a noticeable change in overspray emission, or evidence of overspray emission** is observed. **The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.**
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

51. Condition D.1.7(a) "Record Keeping Requirements" has been changed to be as follows:

- (a) To document compliance with Condition D.1.6, the Permittee shall maintain a log of ~~daily~~ **weekly** overspray observations, daily and ~~weekly~~ **monthly** inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

52. The rule cite in Condition D.2.3 "Preventive Maintenance Plan" has been changed to be as follows:

**D.2.3 Preventive Maintenance Plan [326 IAC 2-7-4(e)(9)] [326 IAC 2-7-5(13)]**

53. Condition D.2.4(a) (now renumbered Condition D.2.6(a)) "Visible Emission Notations" has been changed to be as follows:
  - (a) Daily visible emission notations of the boilers stack exhaust shall be performed during normal daylight operations when any boiler is burning No. 2 fuel oil **and exhausting to the atmosphere**. A trained employee will record whether emissions are normal or abnormal.
54. The Certification Form and Natural Gas Fired Boiler Certification Form have been replaced with revised Certification and Natural Gas Fired Boiler Certification Forms (state form numbers have been removed).
55. The Deviation Occurrence Form has been replaced with the Emergency/Deviation Occurrence Form .
56. A Quarterly Compliance Monitoring Report Form has been added.
57. The Table of Contents has been updated to reflect the above mentioned changes.

**Description of facility:** 350 and 750 HP boilers  
**Max Rating:** 11.7 and 25 MMBtu/hr respectively  
**Construction Date:** 1947 and 1994  
**Control Device (if any):** none

<b>EMISSION LIMITATIONS</b>				
<b>Numerical Emission Limit:</b>	0.8 lb/MMBtu for the 350 HP boiler and 0.48 lb/MMBtu for the 750 HP boiler	0.5 lb/MMBtu SO <sub>2</sub> emissions for 750 HP boiler; or sulfur content of fuel oil of 0.5% by weight		
<b>Regulation/Citation:</b>	326 IAC 6-2	326 IAC 12-1, 326 IAC 7-1.1		
<b>Compliance Demonstration:</b>	Daily visible emissions notations	sulfur content of fuel oil burned		
<b>PERFORMANCE TESTING</b>				
<b>Parameter/Pollutant to be Tested:</b>	NA	NA		
<b>Testing Method/Analysis:</b>	NA	NA		
<b>Testing Frequency/Schedule:</b>	NA	NA		
<b>Submittal of Test Results:</b>	NA	NA		
<b>COMPLIANCE MONITORING</b>				
<b>Monitoring Description:</b>	Daily visible emissions notations	NA		
<b>Monitoring Method:</b>	normal/abnormal notations	NA		
<b>Monitoring Regulation/Citation:</b>	NA	NA		
<b>Monitoring Frequency:</b>	daily when burning No. 2 fuel oil	NA		
<b>RECORD KEEPING</b>				
<b>Parameter/Pollutant to be Recorded:</b>	normal/abnormal emissions	Usage of fuel oil; fuel supplier certifications of sulfur content of fuel oil.		
<b>Recording Frequency:</b>	daily when burning No. 2 fuel oil	with each delivery of fuel oil		
<b>REPORTING REQUIREMENTS</b>				
<b>Information in Report:</b>	normal/abnormal emissions, corrective actions taken	sulfur content of fuel oil, heating value of fuel oil, equivalent sulfur dioxide emissions		
<b>Reporting Frequency/Submittal:</b>	upon request	quarterly		
<b>Additional Comments:</b>				

**Appendix A: Emissions Calculations****Natural Gas Combustion Only****10 < MM BTU/HR <100****350 HP boiler****Company Name: Arvin North American Automotive****Address City IN Zip: 2020 15th Street, Columbus, Indiana 47201****T: 005-7433****Pit ID: 00008****Reviewer: Dana L. Brown****Date: May 23, 1997**Heat Input Capacity  
MMBtu/hrPotential Throughput  
MMCF/yr

11.7

102.5

Emission Factor in lb/MMCF	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
	13.7	13.7	0.6	140.0	2.8	35.0
Potential Emission in tons/yr	0.7	0.7	0.0	7.2	0.1	1.8

**Methodology**

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors for NOx: Uncontrolled = 140, Low NOx Burner = 81, Flue gas recirculation = 30

Emission Factors for CO: Uncontrolled = 35, Low NOx Burner = 61, Flue gas recirculation = 37

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

**Appendix A: Emissions Calculations**  
**Commercial/Institutional/Residential Combustors**  
**#1 and #2 Fuel Oil**  
**350 HP boiler**

**Company Name:** Arvin North American Automotive  
**Address City IN Zip:** 2020 15th Street, Columbus, Indiana 47201  
**T:** 005-7443  
**Plt ID:** 00008  
**Reviewer:** Dana L. Brown  
**Date:** May 23, 1997

Heat Input Capacity  
MMBtu/hr

Potential Throughput  
kgals/year

S = Weight % Sulfur

0.5

11.7

732.085714

Emission Factor in lb/kgal	Pollutant				
	PM	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO
	2.0	71 (142.0S)	20.0	0.34	5.0
Potential Emission in tons/yr	0.7	26.0	7.3	0.1	1.8

### Methodology

1 gallon of No. 2 Fuel Oil has a heating value of 140,000 Btu

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.140 MM Btu

Emission Factors are from AP 42, Tables 1.3-2 and 1.3-4 (SCC 1-03-005-01/02/03)

Emission (tons/yr) = Throughput (kgals/ yr) x Emission Factor (lb/kgal)/2,000 lb/ton



**Appendix A: Emissions Calculations****Natural Gas Combustion Only****10 < MM BTU/HR <100****750 HP boiler****Company Name: Arvin North American Automotive****Address City IN Zip: 2020 15th Street, Columbus, Indiana 47201****T: 005-7433****Pit ID: 00008****Reviewer: Dana L. Brown****Date: May 23, 1997**Heat Input Capacity  
MMBtu/hrPotential Throughput  
MMCF/yr

25.0

219.0

Emission Factor in lb/MMCF	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
	13.7	13.7	0.6	140.0	2.8	35.0
Potential Emission in tons/yr	1.5	1.5	0.1	15.3	0.3	3.8

## Methodology

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors for NOx: Uncontrolled = 140, Low NOx Burner = 81, Flue gas recirculation = 30

Emission Factors for CO: Uncontrolled = 35, Low NOx Burner = 61, Flue gas recirculation = 37

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

**Appendix A: Emissions Calculations**  
**Commercial/Institutional/Residential Combustors**  
**#1 and #2 Fuel Oil**  
**750 HP boiler**

**Company Name:** Arvin North American Automotive  
**Address City IN Zip:** 2020 15th Street, Columbus, Indiana 47201  
**T:** 005-7443  
**Plt ID:** 00008  
**Reviewer:** Dana L. Brown  
**Date:** May 23, 1997

Heat Input Capacity  
MMBtu/hr

Potential Throughput  
kgals/year

S = Weight % Sulfur

0.5

25

1564.28571

Emission Factor in lb/kgal	Pollutant				
	PM	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO
	2.0	71 (142.0S)	20.0	0.34	5.0
Potential Emission in tons/yr	1.6	55.5	15.6	0.3	3.9

### Methodology

1 gallon of No. 2 Fuel Oil has a heating value of 140,000 Btu

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.140 MM Btu

Emission Factors are from AP 42, Tables 1.3-2 and 1.3-4 (SCC 1-03-005-01/02/03)

Emission (tons/yr) = Throughput (kgals/ yr) x Emission Factor (lb/kgal)/2,000 lb/ton